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FAM (?)

(*Apsopelix sauriformis*. Cope. Hayden's Report, Wyoming, 1871, p. 423.)

SELACHII.

Galeocerdo crassidens. Cope.

Galeocerdo hartvelli. Cope.

Of the preceding twenty-four species, the greater part are Physostomous *Actinopteri*, and there is no species of a Physoclystous family in the list.* No trace of spines or scales of fishes of the latter character have been yet discovered in strata of this period in the West, though one (*Beryx insculptus*, Cope,) has been discovered by Dr. Lockwood in the green-sand marl of New Jersey.

In the second place, it is of importance to observe that the genera have nearly all been obtained from the chalk of Europe. *Portheus* is represented perhaps by some specimens referred to *Hypsodon*; one species of *Ichthyodectes* is figured by Dixon from Sussex, and one of *Cimolichthys* and *Pachyrhizodus* each. *Enchodus* has long been known from Holland, etc., *Apsopelix*, *Empo* and *Stratodus* being so far the only ones not found in Europe. This is of much interest in every respect, and points to the synchronism as generally understood, between the chalk formations of Kansas and of England.

Stated Meeting, February 16, 1872.

Present, 16 members.

President, Dr. Wood, in the Chair.

A carte de visite photograph and letter, acknowledging receipt of diploma of membership was received from Prof. Charles H. Hitchcock, dated Hanover, N. H., February 3d, 1872.

A photograph was received from Rev. E. R. Beadle, dated 1824 Delancey Place, Phila., Feb. 7th, 1872.

Letters acknowledging the receipt of diplomas of membership were received from the Rev. E. E. Hale, dated Roxbury, Mass., Feb. 5, and from Mr. Edward Quincey, dated Dedham, Mass., Feb., 1872.

* In describing *Elasmosaurus* I state that remains of six species of Physoclystous fishes were found in the matrix surrounding the bones. This statement was founded on the assumption of previous authors, that the forms of fishes above described were related to *Sphyræna*.

A letter accepting election to membership was received from Prof. G. W. Hough, dated Dudley Observatory, Albany, Feb. 1, 1872, sending also a donation for the Library.

Letters acknowledging the receipt of the Publications of the Society were received from the I. Academy at Vienna, Jan'y 7, 1871 (XIII., iii. 81, 82); R. Society at Upsal, Nov. 1, 1870 (77, 78, 80, 81, 82); R. Library at the Hague, Aug. 27, 1870 (XIII., iii. 82); July 15, 1871 (XIV., i., iii. 84, 85); Holland Society at Harlem, June, 1871 (XIV., i., ii., 84, 85); Batavian Society at Rotterdam, Sept. 23, 1870 (XIII., iii., 82, 83); July 26, 1871 (XIV. i., ii., 84, 85); Royal Academy at Amsterdam, Dec. 15, 1869 (XIII. iii., 81, 82, 83); R. Academy at Brussels, Aug. 30, 1870 (82, 83); July 15, 1871 (XIV. ii., 84); Society of Physics, &c., at Geneva, Oct. 1, 1871 (XIV. i., ii., 84, 85).

Letters announcing the envoy of publications to this Society were received from the Im. Academy at Vienna, Sep. 26, 1871; R. Society at Upsal, Nov. 1, 1870; Observatory at Prag., Sep. 22, 1871; Geological Society at Dresden, Oct. 15, 1871; Central Scientific Bureau at Harlem, July 30, 1871; Batavian Society at Rotterdam, May, 1871; R. Academy at Amsterdam, Oct. 24, 1870; R. Academy at Brussels, July 25, 1871.

Donations for the Library were received from the Société Imp. des Naturalistes at Moscow, Royal Society and Observatory of the University at Upsal, Royal Prussian Academy, Verein für Erdkunde at Dresden, Natural History Society at Bamberg, K. K. Observatory at Prague, M. Barande, Holland Society at Harlem, Royal Academy at Amsterdam, Batavian Society at Rotterdam, Royal Academy and Observatory at Brussels, M. Quetelet, Physical Society at Geneva, Geological Committee of Italy, Signor Anianelli, of Naples, Geographical Society at Paris, Bureau des Longitudes, Revue Politique, M. Chabas of Châlons sur Saône, the Essex Institute, Boston Public Library, Dudley Observatory, Mr. W. W. Mann, of New York, Medical News and Library, Half Yearly Abstract of Medical Sciences, Penn Monthly, U. S. Secretary of the Interior, and Prof. J. S. Newberry, of the Ohio Geolog. Survey.

The Committee on the observation of the next transit of Venus, made a report, with a memorial to Congress, to be signed by the officers of the Society, and another, of like import, to be signed by members of the Society, and others who may be disposed to join in the object proposed.—The report was accepted, and the Committee discharged, and the memorial directed to be signed by the officers of the Society.

A paper was read by Mr. P. E. Chase, on the Correlation of Cosmical and Molecular Forces, which was referred to a Committee, consisting of Profs. J. F. Frazer, E. O. Kendall and S. J. Gummere:

Prof. Cope laid upon the table certain fossil remains from Utah, and presented a paper descriptive of their geological positions and relations, entitled, “On Bathmodon, an extinct genus of Ungulates.”

A memoir on the Geology of West Virginia, by J. J. Stevenson, was presented by J. F. Frazer, and referred to the Secretaries.

Pending nominations Nos. 689–691, and new nomination No. 692, were read, and the meeting was adjourned.

Stated Meeting, March 1, 1872.

Present, 18 members.

Vice-President, Prof. J. C. CRESSON, in the Chair.

A letter was received from Mr. S. W. Roberts, accepting his appointment to prepare an obituary notice of Mr. E. Miller.

A letter of envoy was received from the R. Society of Antiquaries, London, Feb. 26, 1872 (XIV. iii. 87); Boston Public Library, Feb. 28, 1872 (XIV. iii.); N. York Hist. Soc. Feb. 26, 1872 (XIV. iii.); Mass. Hist. Soc., Feb. 26, 1872 (XIV. iii.).